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Customer No. 22,852
Attorney Docket No. 09952.0018

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

U.S. National Phase Application
of International Application No.:

PCT/EP2003/008910

Inventors: **Renato CAPONI, et al.**

Application No.: **10/568,080**

Filed: **February 13, 2006**

For: **MULTI-STAGE OPTICAL AMPLIFIER
OPTIMIZED WITH RESPECT TO NOISE, GAIN
AND BANDWIDTH**

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) **Group Art Unit: Not Yet Assigned**
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) **Examiner: Not Yet Assigned**
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**MAIL STOP PCT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT
UNDER 37 C.F.R. § 1.97(b)

Sir:

Pursuant to 37 C.F.R. §§1.56 and 1.97(b), applicants bring to the Examiner's attention the documents listed on attached Form PTO/SB/08. Copies of the listed documents are attached. Applicants respectfully request that the Examiner consider the documents listed on attached Form PTO/SB/08 and indicate that they were considered by making an appropriate notation on this form.

This Information Disclosure Statement is being filed before the mailing date of a first Office Action on the merits for the above-referenced application.


This submission does not represent that a search has been made or that no better art exists and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and applicants determine that the cited documents do not constitute "prior art" under United States law, applicants reserve the right to present to the Office the relevant facts and law regarding the appropriate status of such documents. Applicants further reserve the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 06-0916.

Respectfully submitted,

FINNEGAN, HENDERSON, FARABOW,
GARRETT & DUNNER, L.L.P.

Dated: June 15, 2006

By: 
Ernest F. Chapman
Reg. No. 25,961

Enclosures
EFC/FPD/tlm

IDS Form PTO/SB/08: Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>			Complete if Known		
			Application Number	10/568,080	
			Filing Date	February 13, 2006	
			First Named Inventor	Renato CAPONI	
			Art Unit	Not Yet Assigned	
			Examiner Name	Not Yet Assigned	
Sheet	1	of	1	Attorney Docket Number	09952.0018

U.S. PATENTS AND PUBLISHED U.S. PATENT APPLICATIONS					
Examiner Initials	Cite No. ¹	Document Number	Issue or Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
		US-			
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		US-			

Note: Copies of the U.S. Patent Documents are not Required in IDS filed after October 21, 2004

FOREIGN PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Translation ⁶
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)				

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	Translation ⁶
		Mahdi, M. A. et al., "Low-Noise and High-Gain L-Band EDFA Utilising a Novel Self-Generated Signal-Seeding Technique," Optics Communications, North-Holland Publishing Co., Amsterdam, NL, Vol. 195, No.1-4, pp. 241-248, (August 2001).	
		Mori, A., et al., "980 nm Band Pumped Er3+-Doped Tellurite-based fibre amplifier with low-noise figure of less than 4.5 dB", Electronics Letters, 7 th November 2002, Vol. 38, No. 23, pp. 1419-1420.	
		Ono, H., et al., "A Low-Noise and Broad-Band Erbium-Doped Tellurite Fiber Amplifier with a Seamless Amplification Band in the C- and L-Bands," IEEE Photonics Technology Letters, Vol. 14, No. 8, pp. 1073-1075, (2002).	
		Yamada, M., et al. "Gain-Flattened Tellurite-Based EDFA with a Flat Amplification Bandwidth of 76 nm," IEEE Photonics Technology Letters, Vol. 10, No. 9, pp. 1244-1246, (1998).	

Examiner Signature		Date Considered	
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EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.